



Form PTO 1449 (Modified)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DOCKET NO. 214382US0X		SERIAL NO. 09/973,712	
LIST OF REFERENCES CITED BY APPLICANT				APPLICANT Andreas BOMMARIUS, et al.			
				FILING DATE October 11, 2001		GROUP 1633 16.52	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO		
	AB						
	AO	1 074 628	02/07/2001	EUROPE			X
	AP	0 474 965	03/18/92	EUROPE			
	AR						
	AS						
	AT						
	AU						
	AV						
OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)							
		Patent Abstracts of Japan, JP 2001-046088, February 20, 2001					
		S. VERSECK, et al., Appl Microbiol Biotechnol, Vol. 55, No. 3, XP-002202059, pps. 354-361, "SCREENING, OVEREXPRESSION AND CHARACTERIZATION OF AN N-ACYLAMINO ACID RACEMASE FROM AMYCOLATOPSIS ORIENTALIS SUBSP. LURIDA", March 13, 2001					
	AY						
	AZ						
Examiner <i>C. M. H. H.</i>					Date Considered 4/16/02		
*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

BEST AVAILABLE COPY

Form PTO 1449
(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.
214382US0XSERIAL NO.
09/973,712

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

Andreas BOMMARIUS, et al.

FILING DATE

October 11, 2001

GROUP

1633

1652

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
CA	AA	6,372,459	4/16/02	VERSECK, et al.	435	101	
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						

RECEIVED
APR 09 2003
TECH CENTER 1633

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES	NO
	AO					
	AP					
	AQ					
	AR					
	AS					
	AT					
	AU					
	AV					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	AW	
	AX	
	AY	
	AZ	

☐ Additional References sheet(s) attached

Examiner

Date Considered

4/16/02

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

BEST AVAILABLE COPY

Form PTO 1449
(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY DOCKET NO.

214382US0X

SERIAL NO.

09/973,712

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

Andreas BOMMARIUS et al.

FILING DATE

OCTOBER 11, 2001

GROUP

1652

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

AAA	Vikram M. Paradkar et al., <u>Aqueous-Like Activity of α-Chymotrypsin Dissolved in Nearly Anhydrous Organic Solvents</u> , <i>J. Am. Chem. Soc.</i> , (1994), Volume 116, 5009-5010.
AAB	S. Tokuyama et al., <u>Purification and Properties of Thermostable N-Acylamino Acid Racemase from Amycolatopsis sp. TS-1-60</u> , <i>Appl. Microbiol Biotechnol.</i> , (1995), Vol. 42, pages 853-859.
AAC	Oliver May et al., <u>Inverting Enantioselectivity by Directed Evolution of Hydantoinase for Improved Production of L-Methionine</u> , <i>Nature Biotechnology</i> , Vol. 18, March 2000, pages 317-320.
AAD	Noriho Kamiya et al., <u>Surfactant-Horseradish Peroxidase Complex Catalytically Active in Anhydrous Benzene</u> , <i>Biotechnology Techniques</i> , Vol. 11, No. 6, June 1997, pages 375-378.
AAE	Toshiaki Mori et al., <u>A Variety of Lipid-Coated Glycoside Hydrolases as Effective Glycosyl Transfer Catalysts in Homogeneous Organic Solvents</u> , <i>Tetrahedron Letters</i> , Vol. 38, No. 11, pages 1971-1974, 1997.
AAF	Beyer-Walter, <i>Lehrbuch der organischen Chemie</i> , S. Hirzel Verlag Stuttgart, 22nd edition, 1991, p.822f.
AGH	Joo-Ho Park, et al., <u>Production of D-Amino Acid Using Whole Cells of Recombinant Escherichia Coli with Separately and Coexpressed D-Hydantoinase and N-Carbamoylase</u> , <i>Biotechnol. Prog.</i> , (2000), Volume 16, pages 564-570.
AAH	Burkhard Wilms et al., <u>Cloning, Nucleotide Sequence and Expression of a New L-N-Carbamoylase Gene from Arthrobacter Aurescens DSM 3747 in E. Coli</u> , <i>Journal of Biotechnology</i> , Volume 68, (1999), pages 101-113.
AAI	Yun-Peng Chao, et al., <u>Production of D-p-Hydroxyphenylglycine by N-Carbamoyl-D-Amino Acid Amidohydrolase-Overproducing Escherichia Coli Strains</u> , <i>Biotechnol. Prog.</i> (1999), Volume 15, pages 603-607.
AAJ	Nadine Batisse, et al., <u>Two Amino Acid Amidohydrolase Genes Encoding L-Stereospecific Carbamoylase and Aminoacylase Are Organized in a Common Operon in Bacillus Stearothermophilus</u> , <i>Applied And Environmental Microbiology</i> , February 1997, Vol. 63, No. 2, pages 763-766.
AAK	Markus Pietzsch et al., <u>Purification of Recombinant Hydantoinase and L-N-Carbamoylase from Arthrobacter Aurescens Expressed in Escherichia Coli: Comparison of Wild-Type and Genetically Modified Proteins</u> , <i>Journal of Chromatography B</i> , 737 (2000), pages 179-186.
AAL	
AAM	
AAN	
AAO	
AAP	
AAQ	

Examiner

Date Considered

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

BEST AVAILABLE COPY

Form PTO 1449
(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.
214382US0XSERIAL NO.
09/973,712

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

Andreas BOMMARIUS et al.

FILING DATE
OCTOBER 11, 2001

GROUP

1652

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA					
	AB					
	AC					
	AD					
	AE					
	AF					
	AG					
	AH					
	AI					
	AJ					
	AK					
	AL					
	AM					
	AN					

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO
CP	AO DE 100 03 110	09-14-00	Germany w/English Abstract	
CP	AP DE 199 03 268	08-03-00	Germany w/English Abstract	
CP	AQ DE 199 35 268	02-08-01	Germany w/English Abstract	
CP	AR EP 0 542 098	05-19-93	Europe w/English Abstract	
CP	AS EP 0 745 678	12-04-96	Europe w/English Abstract	
	AT			
	AU			
	AV			

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

CP	AW	Alberto Buson et al., <u>Identification, Sequencing and Mutagenesis of the Gene for a D-Carbamoylase from Agrobacterium Radiobacter</u> , FEMS Microbiology Letters, Vol. 145 (1996) pages 55-62.
CP	AX	Marina Otamiri et al., <u>Complex Formation Between Chymotrypsin and Ethyl Cellulose as a Means to Solubilize the Enzyme in Active Form in Toluene</u> , Biocatalysis, 1992, Vol. 6, pages 291-305.
CP	AY	Von Bhavender P. Sharma et al., <u>Immobilisierte Biomaterialien - Techniken Und Anwendungen</u> , Angew. Chem. 94, (1982) pages 836-852.
CP	AZ	Shinji Tokuyama et al., <u>Purification and Properties of a Novel Enzyme, N-Acylamino Acid Racemase, from Streptomyces Atratus Y-53</u> , Appl. Microbiol. Biotechnol. (1994) 40: 835-840.

Examiner

CP Miller

Date Considered

11/16/03

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

BEST AVAILABLE COPY